

N. Samuvel Raja

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Skills

- **Front-End Expertise:** HTML, CSS, JavaScript, React.js, Redux, Typescript, Next.js, Bootstrap, jQuery, Tailwind CSS, Three.js, React Three fiber, GSAP
- **Back-End :** Node.js, Express.js, Nginx, Zod

Personal Projects

spotified(vibe), (vibe.samjs.me)

github.com/SamuvelRaja/spotified

Tech Stack: Node.js, React, Redux Toolkit, Redux Query, Vite, Tailwind css, Spotify Web API.

- Developed a complete **music player application** powered by **Spotify API**, managing both **React frontend** and a **Node backend** for Oauth 2.0 spotify API authorization .
- Utilized **Redux Toolkit** for state management and **Redux Query** for data fetching and caching.
- Deployed the nodejs and react app on an **Ubuntu server** hosted on vibe.samjs.me with help of PM2 and **Nginx** .

Passionfruit, (iphone.samjs.me)

github.com/SamuvelRaja/passionfruit

Tech Stack: React, GSAP, React Three Fiber, Three.js, Vite, Tailwind css.

- implemented an interactive 3d model of iphone 15 pro using React Three fiber a three js framework and GSAP
- hosted my portfolio on ubuntu server, find my other 2 projects here (samjs.me/projects).

Experience

Frontend Developer Lead, Zemuria.inc

April 2023 - May 2024

- **Internal Blog Engine:** Developed a feature-rich **blog CMS** and a modern **text editor** with **polling and debouncing** mechanism to reduce 70% of unwanted network calls.
- **Next.js E-commerce Platform Re-architecture:** implemented a scalable multi-tenant architecture and handled 90% of server-side Backend logic such as **middleware, API design and architecture, route handlers and managing JWT session** on next js app.
- **Implemented Google SSO:** Integrated Google Single Sign-On (SSO) into a Next.js application, improving user authentication and enhancing security. resulted in 50% faster user onboarding
- Led and mentored a team of 6 front-end developers, fostering a collaborative and high-performing environment.
- Collaborated with the backend teams on the implementation of robust security measures, including **JWT authentication** and secure session handling.

Frontend Developer, Zemuria.inc

Feb 2022 - April 2023

- **E-commerce Performance Optimization:** Spearheaded a complete redesign and codebase migration, resulting in a 5x improvement in loading speed and enhanced user experience.
- **High-Performance E-commerce Theme Development:** Developed a new theme from scratch, achieving **90 plus PageSpeed scores** and contributing to increased organic sales for clients.
- trained and upskilled 4 interns, empowering them to become proficient front end developers.

Education

B-Tech in Information Technology,
Dhanalakshmi Srinivasan College of Engineering and Technology

2018 - 2022